_		001-001-0-01-0
- 1	Attorney Docket No.	201503US55XDIV

First Inventor or Application Identifier Prem

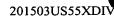
POLYNUCLEIC ACIDS ISOLATED FROM A LINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS A LINE BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC ACIDS, A METHOD OF PROTECTING A PICE FROM A PRRSV AND A METHOD OF DETECTING A PRRSV

IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. and AMERICAN CYANAMID COMPANY

	ab of Mechanics, Ames, Iowa 50048-2131 and Five Giralda Farms, Madison, New Jersey 07840-08747						
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents	Assistant Commissioner for Patents Box Patent Application Washington, DC 20231						
Fee Transmittal Form (e.g. PTO/SB/17)     (Submit an original and a duplicate for fee processing)	ACCOMPANYING APPLICATION PARTS						
	7. □ Assignment Papers (cover sheet & document(s))						
2. ■ Specification Total Sheets 255	8. ■ Application Data Sheet, 2 pages, See 37 CFR 1.76						
	9.   37 C.F.R. §3.73(b) Statement   Power of Attorney						
3. ■ Drawing(s) (35 U.S.C. 113) Total Sheets 40	10. □ English Translation Document (if applicable)						
	11. ■ Information Disclosure Statement (IDS)/PTO-1449 □ Copies of IDS Citations						
4. ■ Oath or Declaration Total Pages 3	12. Preliminary Amendment						
a. □ Newly executed (original or copy)	13. White Advance Serial No. Postcard						
b. Copy from a prior application (37 C.F.R, §1.63(d)) (for continuation / divisional w/ box 17 completed)	14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)						
<ul> <li>DELETION OF INVENTOR(S)         Signed statement attached deleting inventor(s) named in         the prior application, see 37 C.F.R. §1.63(d)(2) and         1.33(b).</li> </ul>	15.   Applicant claims small entity status.  See 37 CFR 1.27						
5.   CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	16. ■ Other: Notice of Priority						
<ol> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> </ol>							
a.   Computer Readable Form (CRF)							
b. Specification or Sequence Listing on:							
i.   CD-ROM or CD-R (2 copies); or							
ii. <b>■</b> Paper							
c.   Statements verifying identity of above copies							
17. If a CONTINUING APPLICATION, check appropriate box, and sup	ply the requisite information below:						
□ Continuation ■ Divisional □ Continuation	,						
Prior application information: Examiner: WORTMAN	Group Art Unit: 1645						
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the proposition and invisional application particularly on the submitted application and	·						
18. Amend the specification by inserting before the first line the se	entence:						
■ This application is a □ Continuation ■ Division	□ Continuation-in-part (CIP)						
Se	September 1, 1994, allowed, which is a Continuation-in-Part of						
of application Serial No. 00/301,435 Filed on 5,6	rial No. 08/131,625 filed October 5, 1993, now U.S. Patent No. 695,766, which is a Continuation-in-Part of Serial No. /969,071, Filed October 30, 1992, Abandoned.						
□ Which was published in English							
□ Which was not published in English	1						
☐ This application claims priority of provisional application Seria	l No. Filed						
19. CORRESPOND	ENCE ADDRESS						
22850 (703) 413 3000							
(703) 413-3000 FACSIMII F: (703) 413-2220							

Name: Jean-Paul Lavalleye	Registration No.:	31,451
Signature:	Date:	93/19/0 1
Name: Daniel J. Pereira, Ph.D.	Registration No.:	45,518

Docket No.





## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Prem S. PAUL et al SERIAL NO: New Application

FILING DATE: Herewith

FOR:

POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV), PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS, VACCINES BASED ON THE PROTEINS AND/OR POLYNUCLEIC

ACIDS, A METHOD OF PROTECTING A PIG FROM A PRRSV AND A METHOD OF DETECTING A PRRSV

## FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	60 - 20 =	40	× \$18 =	\$720.00
INDEPENDENT CLAIMS	2 - 3 =	0	× \$80 =	\$0.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable) + \$270 =				\$270.00
□ LATE FILING OF DECLARATION + \$130 =				\$0.00
	\$710.00			
	\$1,700.00			
☐ REDUCTION BY 50% F	\$0.00			
□ FILING IN NON-ENGL	ISH LANGUAGE		+ \$130 =	\$0.00
□ RECORDATION OF AS	SIGNMENT		+ \$40 =	\$0.00
			TOTAL	\$1,700.00

Please charge Deposit Account No. 15-0030 in the amount of

A duplicate copy of this sheet is enclosed.

A check in the amount of

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to cover the filing fee is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 10/00)

Respectfully Submitted,

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